

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 4

Complete if Known

Application Number	10/811,408
Filing Date	March 26, 2004
First Named Inventor	STARK, David H.
Art Unit	3637
Examiner Name	To be assigned.
Attorney Docket Number	STRK-26,696

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JL	01	US- 3,698,878	10/17/72	Hale et al.	
	02	US- 5,118,924	06/02/92	Mehra et al.	
	03	US- 5,302,414	04/12/94	Alkhimov et al.	
	04	US- 5,423,119	06/13/95	Yang	
	05	US- 6,139,913	10/31/00	Van Steenkiste et al	
	06	US- 6,191,359	02/20/01	Sengupta et al.	
	07	US- 6,627,814	09/30/03	Stark	
	08	US- 6,537,121	03/25/03	Baret	
	09	US- 6,548,895	04/15/03	Benavides et al.	
	10	US- 4,355,323	10/19/82	Hendrikus Kock	
	11	US- 5,945,721	08/31/99	Nobuyoshi Tatch	
	12	US- 5,949,655	09/07/99	Thomas Glenn	
	13	US- 6,020,628	02/01/00	Brian Mravic et al.	
	14	US- 5,625,222	04/1997	Yoneda et al.	
	15	US- 5,856,914 A	01/05/1999	O'Boyle, John	
	16	US- 6,696,849 B2	02/24/2004	Ban et al.	
	17	US- 6,521,988	02/18/2003	Hauser et al.	
	18	US- 6,656,768	12/02/2003	Thomas, Sunil	
	19	US- 6,653,724	11/25/2003	Kim et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

/Jason Lazorcik/

Date
Considered

10/11/2006

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of

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JL	200	DORON TEOMIM, AVNER BADIHI, GIL ZILBER; "An innovative approach to wafer-level MEMS packaging"; Solid State Technology (Magazine); January 2002; Penwell (Publ.); Nashua, NH USA.	
	201	Carpenter Specialty Alloys: Controlled-Expansion Alloys (Catalog/Brochure); December 1999; Pages 1-24 (esp. 5-8); Carpenter Technology Corporation (Publ.); Wyomissing, PA USA.	
	202	JPL Technology Reporting Office; "Hermetic Wafer Bonding By Use of Microwave Heating"; NASA Tech Brief, Vol. 25, No. 5, from JPL New Technology Report NPO-20608 (NASA Contract No. NAS-7-918); May 1, 2001; Jet Propulsion Laboratory, California Institute of Technology (Publ.); Pasadena, CA, USA; including therein:	
		NTR Inventors Report by HENRY W JACKSON, JOHN D MAI, MARTIN B BARMATZ, NASSER K BUDRAA, WILLIAM T PIKE; NASA Case No. 0205 20608; March 1997(?) (Best Available Copy); including therein: (same authors) "Low Pressure and Low Temperature Hermetic Wafer Bonding Using Microwave Heating"; Jet Propulsion Laboratory, California Institute of Technology, Pasadena, CA, USA (Best Available Copy).	
	203	GEORGE S. BRADEY, ET AL., Materials Handbook, 12th Edition; 1986; pp 28-29; McGraw-Hill Book Company; New York.	
	204	R.C. DYKHUIZEN ET AL.; Gas Dynamic Principles of Cold Spray; Journal of Thermal Spray Technology; Vol. 7(2); pp 205-212; June, 1998.	
	205	KAZAKOV, N.F. (ed.); Diffusion Bonding of Materials; 1981; pp 4-9, 248-257; Pergamon Press; U. S. A.	
	206	NICHOLAS, M.G. & LEE, R. J.; Joining Dissimilar Materials, Metals and Materials, The Journal of the Institute of Metals, Vol. 5, No. 6, June 1989; UK.	
	207	CERJAK, H. (ed.); Mathematical Modelling of Weld Phenomena 5; Diffusion Bonding of Glass to Metal in an Electrostatic Field; M. Morsy et al.; pp 945-959; London IOM Communications, 2001.	
↓	208	OSTYN, K. & VINCKIER, A.; Joining of Different Materials Through Interfaces; Interfaces in Materials, Proceedings of the Colloquium; pp. 153-173; Brussels, 12/1988.	

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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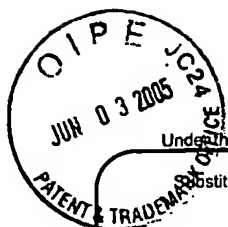
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
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Sheet	4	of	4	Attorney Docket Number	STRK-26,696

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JL	209	ARATA ET AL. Pressure and Field Assisted Bonding of Glass to Aluminum; Transactions of JWRI is published by Welding Research Institute of Osaka University; Vol. 13; No. 1; 1984; pp 35-40.	
	210	SADPYSKY ET AL.; Precision Welding of Glass to Kovar Without Melting; Svarochnoe Proizvodstvo; February 1973; pp 22; (In Russian, English translation provided).	✓
	211	KAZAKOV ET AL.; Equipment for Diffusion Welding of Rectangular Glass Plates to Kovar; Svarochnoe Proizvodstvo; June 1977; p 50; (In Russian, English translation provided).	✓
↓	212	PCT; International Search Report of PCT/US03/07553 (related application); International Publication No. WO 03/083938 A1; 16 June 2003; 2 pg.	

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		Number-Kind Code ² (if known)			
JL	23	US- 4,427,123	01/24/1984	Komeda et al.	
	24	US- 5,157,893	10/27/1992	Benson et al.	
	25	US- 5,175,975	01/05/1993	Benson et al.	
	26	US- 6,141,925 A	1/07/2000	Halvorson, Jr. et al.	
	27	US- 6,168,040 B1	01/02/2001	Sautner et al.	
	28	US- 6,668,500 A	12/30/2003	Lamberts	
	29	US- 6,736,295 B2	05/18/2004	Lin et al.	
	30	US- 2004/104460 A10	06/03/2004	Stark	
	31	US- 6,763,638 A	07/20/2004	Berger, Jr.	
	32	US- 2004/0161530 A1	08/19/2004	Stark	
	33	US- 2004/0188124 A1	09/30/2004	Stark	
	34	US- 2005/0067179 A1	03/31/2005	Stark	
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Sheet	2	of	2
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NON PATENT LITERATURE DOCUMENTS

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JL	213	DUNKERTON; TWI Knowledge Summary Diffusion Bonding; Copyright 2001; TWI World Centre for Materials Joining Technology Website; www.twi.co.uk; United Kingdom; 4 pages.	
JL	214	PCT; International Search Report of PCT/US04/02272 (related application); International Publication No. WO 2004/068189; 21 December 2004; 3 pages.	
JL	215	KAZAKOV, N.F. (ed.); Diffusion Bonding of Materials; 1981; pp 4-304; Pergamon Press; U.S.A.	

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